

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application. Applicants have cancelled Claims 1-20 and added new Claims 21-40 as follows:

1-20. (Cancelled)

21. (New) A method of receiving multicast, the method comprising:

connecting, by a user terminal, to a content providing server via a DSL network connected to the Internet, wherein the DSL network comprises a local DSL device, which links between the Internet and the user terminal;

requesting, by the user terminal, a desired content from to the content providing server;

communicating, by the user terminal, with a multicast box associated with the local DSL device and configured to relay data for the desired content from the content providing server to the user terminal; and

receiving, by the user terminal, the data from the multicast box or the local DSL device.

22. (New) The method of Claim 21, wherein upon requesting the user terminal is directed to the multicast box.

23. (New) The method of Claim 21, further comprising:

receiving, by the user terminal, a command from the multicast box to determine whether the local DSL device supports multicasting; and

communicating with the local DSL device, by the user terminal, to determine whether the local DSL device supports multicasting.

24. (New) The method of Claim 21, wherein if the local DSL device supports multicasting, the user terminal transmits the data received from the multicast box to a multicasting address of the local DSL device so as to enable the local DSL device to multicast the data to other user terminals connected to the local DSL device.

25. (New) The method of Claim 21, wherein if the local DSL device supports multicasting, the user terminal receives the data from the local DSL device.

26. (New) The method of Claim 21, wherein the user terminal downloads a computer program configured to enable the user terminal to communicate with the content providing server

and the multicast box so as to receive the data from the multicast box.

27. (New) The method of Claim 26, wherein downloading occurs when the user terminal requests the desired content.

28. (New) The method of Claim 21, wherein upon requesting the content providing server determines whether there is a multicast box associated with the local DSL device and transmit data for the desired content if determined that the multicast box is associated with the local DSL device.

29. (New) A method of receiving multicast data, the method comprising:

connecting, by a user terminal, to a content providing server via a DSL network connected to the Internet, wherein the DSL network comprises a local DSL device, which links between the Internet and the user terminal;

requesting, by the user terminal, a desired content to the content providing server;

communicating, by the user terminal, with a multicast box associated with the local DSL device and configured to relay data for the desired content from the content providing server to other computers;

determining, by the user terminal, whether the data is available for multicasting at the local DSL device; and

receiving, by the user terminal, the data from the local DSL device or the multicast box.

30. (New) The method of Claim 29, further comprising:

receiving, by the user terminal, a command from the multicast box to determine whether the local DSL device supports multicasting;

communicating with the local DSL device, by the user terminal, to determine whether the local DSL device supports multicasting;

31. (New) The method of Claim 29, wherein the user terminal receives the data from the local DSL device if the data is available for multicasting at the local DSL device.

32. (New) The method of Claim 29, wherein the user terminal receives the data from the multicast box via one-on-one connection if the data is not available for multicasting at the local DSL device.

33. (New) The method of Claim 29, wherein upon requesting the user terminal is

directed to the multicast box.

34. (New) The method of Claim 29, wherein the user terminal downloads from the content providing server a computer program configured to enable the user terminal to communicate with the content providing server and the multicast box so as to receive the data from the multicast box.

35. (New) A method of relaying multicast data from a content providing server to a terminal connected to a DSL network, the method comprising:

providing a multicast box that is associated with a local DSL device, which links between the Internet and a plurality of user terminals comprising a first user terminal and a second user terminal;

receiving, by the multicast box, data for a content from a content providing server, wherein the data is for a content selected by the first user terminal;

communicating, by the multicast box, with the first user terminal to verify whether the local DSL device supports multicasting; and

transmitting, by the multicast box, the data to the first user terminal.

36. (New) The method of Claim 35, wherein if the local DSL device supports multicasting, wherein the data is further transmitted from the first user terminal to a multicasting address of the local DSL device.

37. (New) The method of Claim 36, wherein the data is further transmitted to the second user terminal from the local DSL device.

38. (New) The method of Claim 35, wherein verifying comprises sending to the first user terminal a command to determine whether the local DSL device supports multicasting.

39. (New) The method of Claim 35, further comprising:

communicating, by the multicast box, with the second user terminal when the second user terminal is directed to the multicast box upon the second user terminal's requesting of the content to the content providing server.

40. (New) The method of Claim 39, further comprising:

directing, by the multicast box, the second user terminal to the local DSL device if the local DSL device supports multicasting and further if the data is available for multicasting at the local DSL device.